Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 13 Dec 2023 until 23:59 on Thursday 14 Dec 2023

Forecast Issued on Tuesday 12 Dec 2023 at 11:53

Confidence: Generally high but moderate for rainfall detail.

Headline for Wednesday 13 Dec 2023: Early rain or showers clearing to a largely dry and bright day.

Mountain weather hazards on Wednesday 13 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability							
60%	60%	60%	30%	30%	20%	10%	10%

Forecast for Wednesday 13 Dec 2023

Weather: Cloudy with outbreaks of mainly light rain, perhaps a few heavier bursts, during the early hours, with a few showers following during the morning. Cloud breaking up during the afternoon with increasing sunny or clear spells to end the day. Some high cloud arriving from the west later in the evening. Winds easing during the day.

Chance of cloud-free hill tops above 600m: 20% improving to 40% from mid-morning, 80% during the afternoon

Low Cloud and visibility: Scattered or broken low cloud base 500-700m, becoming few or scattered into the afternoon and continuing to clear. Visibility moderate in rain, otherwise good out with cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 13 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/27 NE	21/31 NE	21/31 NE	20/30 NE	16/24 NE	11/16 N	5/8 N	3/5 W	8/13 S
300	13/26 N	16/32 NE	15/31 NE	13/29 NE	12/24 N	7/16 N	4/9 N	2/4 NW	3/8 S
Valley	10/22 N	12/27 NE	12/26 N	9/22 N	9/21 N	5/13 N	2/6 N	2/3 E	3/9 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-3	2/-4	2/-4	1/-5	1/-5	1/-4	-0/-3	-0/-2	-1/-5
300	5/1	4/-0	4/-1	3/-1	4/-0	3/-0	1/-2	-0/-2	-1/-3
Valley	6/3	6/2	5/2	5/2	5/2	4/2	1/-1	0/-1	1/-1
Freezing Level*	1100m	900m	900m	700m	700m	600m	600m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold at height, be prepared with appropriate layers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 12 Dec 2023	8.4mm	19mm	44mm

Forecast for Thursday 14 Dec 2023

Weather: Cloudy with outbreaks of rain (perhaps a little sleet or snow on hill tops at first) pushing in from the west during the early hours, rain mainly light but with the odd heavier burst. This clearing southeast by late morning to leave a dry, bright and sunny rest of the day.

Maximum wind: West to southwest 10-15 mph, gusting 25 mph

Chance of cloud-free hill tops above 600m: 20% until late morning, then increasing to 90%

Low Cloud and visibility: Broken cloud base 400-600m from the early hours until late morning. Visibility moderate in rain, poor in any sleet or snow, becoming good.

Temperature:
Valleys: Plus 3 rising to plus 8 Celsius
At 600m: Minus 1 rising to plus 3 Celsius
Freezing level: 400m, soon rising above summits

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